

**METHOD AND SYSTEM FOR TRANSMITTING IN-BAND CALL
PROCESSING-RELATED TRAFFIC USING BEARER FACILITIES**

ABSTRACT OF THE DISCLOSURE

[0054] A method for transmitting call processing-related traffic in a voice over packet network having a plurality of bearer links. The method includes creating at least one logical tunnel in each of the bearer links, establishing a priority for the call processing-related traffic, and transmitting the call processing-related traffic through the logical tunnels in the bearer links.